

Abstract

The present invention relates to an apparatus for
5 reading from and/or writing to optical recording media,
which has a tracking device, a four-quadrant detector,
two summation points and a phase comparator for
tracking in accordance with the differential phase
10 detection method, and also various delay elements that
can be set by a control device. The object of the
present invention is to propose an apparatus of this
type which exhibits the best possible compensation of
the error in the track error signal and thus in the
15 tracking signal, the said error being caused on account
of the lens movement. To that end, the invention
provides for analogue delay elements to be arranged
upstream and digital delay elements to be arranged
downstream of the summation points. The present
20 invention is suitable for apparatuses for reading from
and/or writing to optical recording media, such as CD,
CDI, CD-ROM, DVD, CDR and others.